

Title (en)
METHOD FOR ADJUSTING THE OPERATION FREQUENCY OF AN ELECTRONIC WATCH

Title (de)
VERFAHREN ZUR REGULIERUNG DER GANGFREQUENZ EINER ELEKTRONISCHEN UHR

Title (fr)
PROCÉDÉ DE RÉGLAGE DE LA FRÉQUENCE DE MARCHE D'UNE MONTRE ÉLECTRONIQUE

Publication
EP 3379347 B1 20200101 (FR)

Application
EP 17202602 A 20171120

Priority
• EP 17161866 A 20170320
• EP 17167994 A 20170425

Abstract (en)
[origin: WO2018172147A1] The invention concerns a method for setting the operating frequency of an electronic watch (10) by means of a computer application installed on a portable electronic device (12), the setting method comprising the following steps, carried out by the computer application:
- generating a reference pulsed signal in the portable electronic apparatus - converting the reference pulsed signal into a modulated optical signal composed of light pulses - transmitting, to the electronic watch (10), the optical signal modulated by the light source (35) or by a modulation of the light emitted by the screen (36) of the portable electronic apparatus (12), and the following steps, carried out by the electronic watch (10): - reconstructing the reference pulsed signal from the modulated optical signal received by the optical sensor (16) - correcting an inhibition value stored in a memory (33) of an adjustment circuit (32) of the electronic watch (10) as a function of the reference pulsed signal.

IPC 8 full level
G04C 9/00 (2006.01); **G04D 7/12** (2006.01); **G04G 5/00** (2013.01); **G04G 5/02** (2006.01); **G04G 11/00** (2006.01)

CPC (source: EP KR US)
G04D 7/12 (2013.01 - EP KR US); **G04G 5/027** (2013.01 - EP KR US)

Cited by
EP3842876A1; CN113031424A; US11586150B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3379347 A1 20180926; EP 3379347 B1 20200101; CN 110462528 A 20191115; CN 110462528 B 20210326; JP 2020510224 A 20200402; JP 6858280 B2 20210414; KR 102277882 B1 20210715; KR 20190117699 A 20191016; US 11874633 B2 20240116; US 2020019127 A1 20200116; WO 2018172147 A1 20180927

DOCDB simple family (application)
EP 17202602 A 20171120; CN 201880019442 A 20180313; EP 2018056302 W 20180313; JP 2019571778 A 20180313; KR 20197027499 A 20180313; US 201816492960 A 20180313